Serial No. 09/710,499
3 May 2004 Reply to
9 Feb 2004 Office Action

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.   (currently amended) A computer implemented method of modeling information ~~using a combination of space and time relationships and hierarchical, semantic relationships~~, the method comprising:

providing at least one database comprising a plurality of data elements, each of said data elements having a mechanism to contain a representation of data in a space and time relationship;

organizing each data element such that each data element ~~may have at least one~~ comprises a frame, ~~each frame~~ containing quantitative data along time and space axes, and such that each data element ~~may have at least one~~ comprises an event, ~~each event configured so that it may be~~ positioned along the time axis and ~~include at least one~~ including a hierarchical connection to at least one other of the plurality of data elements; and

wherein the hierarchical connection between each of the plurality of data elements is made through at least one event in each of two or more of the plurality of data elements with a link, the link defined by a link model, each link model categorizing data and indicating the purpose of the associated link.

2 – 18. (cancelled)

19.   (currently amended) A data model comprising:

a plurality of worldlines, each worldline having a time dimension, ~~and~~ a unique identifier, and at least one frame, the at least one frame including space/time information and a unique identifier; and~~:~~

an omni-directional link between at least two of the plurality of worldlines, the link including information regarding why it exists and a unique identifier.